

## SEQUENCE LISTING

<110> Luo, Ying  
Mancebo, Halena

<120> NOVEL SYK KINASE-ASSOCIATED CELL CYCLE PROTEINS, COMPOSITIONS, AND METHODS OF USE

<130> A-68412-1/RMS/DHR

<140> US 10/088,960  
<141> 2002-03-22

<150> US 09/404,967  
<151> 1999-09-24

<150> PCT/US 00/26338  
<151> 2000-09-25

<160> 12

<170> PatentIn version 3.1

<210> 1  
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<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1473)..(1473)  
<223> "n" at position 1473 can be any base.

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ccgcgtggag acgtgaggcg gccgccgtgg ccctcacagt cggcgtttcg cgcctgccc 180  
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<213> Homo sapiens

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<223> "Xaa" at position 373 can be any amino acid.

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 35 40 45  
 Leu Ala Val Ala Phe Leu Thr Ala Lys Asn Ala Lys Thr Pro Gln Gln  
 50 55 60  
 Glu Glu Thr Thr Tyr Tyr Gln Thr Ala Leu Pro Gly Asn Asp Arg Tyr  
 65 70 75 80  
 Ile Ser Val Gly Ser Gln Ala Asp Thr Asn Val Ile Asp Leu Thr Gly  
 85 90 95  
 Asp Asp Lys Asp Asp Leu Gln Arg Thr Ile Ala Leu Ser Leu Ala Glu  
 100 105 110  
 Ser Asn Arg Ala Phe Arg Glu Thr Gly Ile Thr Asp Glu Glu Gln Ala  
 115 120 125  
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 130 135 140  
 Lys Arg Thr Pro Thr Glu Val Trp Arg Asp Ser Arg Asn Pro Tyr Asp  
 145 150 155 160  
 Arg Lys Arg Gln Asp Lys Ala Pro Val Gly Leu Lys Asn Val Gly Asn  
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 Thr Cys Trp Phe Ser Ala Val Ile Gln Ser Leu Phe Asn Leu Leu Glu  
 180 185 190  
 Phe Arg Arg Leu Val Leu Asn Tyr Lys Pro Pro Ser Asn Ala Gln Asp  
 195 200 205  
 Leu Pro Arg Asn Gln Lys Glu His Arg Asn Leu Pro Phe Met Arg Glu  
 210 215 220  
 Leu Arg Tyr Leu Phe Ala Leu Leu Val Gly Thr Lys Arg Lys Tyr Val  
 225 230 235 240  
 Asp Pro Ser Arg Ala Val Glu Ile Leu Lys Asp Ala Phe Lys Ser Asn  
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Asp Ser Gln Gln Gln Asp Val Ser Glu Phe Thr His Lys Leu Leu Asp  
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Trp Leu Glu Asp Ala Phe Gln Met Lys Ala Glu Glu Glu Thr Asp Glu  
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Glu Lys Pro Lys Asn Pro Met Val Glu Leu Phe Tyr Gly Arg Phe Leu  
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Gly Gln Tyr Pro Leu Gln Val Asn Gly Phe Lys Asp Leu His Glu Cys  
 325 330 335

Leu Glu Ala Ala Met Ile Glu Gly Glu Ile Glu Ser Leu His Ser Glu  
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Asn Ser Gly Lys Ser Gly Gln Glu His Trp Phe Thr Gly Leu Pro Pro  
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Val Leu Thr Phe Xaa Leu Ser Arg Phe Glu Phe Asn Gln Ala Leu Gly  
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Leu Asp Arg Tyr Met His Arg Asn Arg Glu Ile Thr Arg Ile Lys Arg  
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Cys Thr Ser Pro Val Asp Asp Ile Asp Ala Ser Ser Pro Pro Ser Gly  
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Ser Ser Arg Ser Val Ile His Lys Pro Phe Thr Gln Ser Arg Ile Pro  
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Pro Lys Lys Ile Ile Glu Lys Thr Leu Leu Glu Gln Phe Gly Asp Arg  
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Asn Leu Ser Phe Asp Glu Arg Cys His Asn Ile Met Lys Val Ala Gln  
 835 840 845

Ala Lys Leu Glu Met Ile Lys Pro Glu Glu Val Asn Leu Glu Glu Tyr  
 850 855 860

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Ser Gly Glu Asp Arg Glu Val Asn Asn Gly Leu Ile Ile Met Asn Glu  
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Glu Pro Pro Lys Leu Pro Ser Tyr Ser Thr His Glu Leu Cys Glu  
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Gly Arg  
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 <223> "n" at position 1473 can be any base.

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